



TOTALFLOW

Technical Bulletin 112

Replacement Program for the Model 8000/8100 Btu/CV Transmitter Stream Selector Module

Totalflow Technical Bulletin

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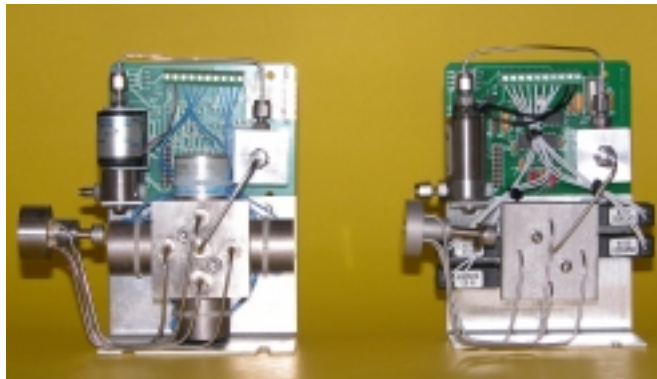
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Replacement Program
For P/N 2015615-001
Model 8000/8100 Btu/CV Transmitter Stream Selector Module
With Neptune Research Valves

The Model 8000/8100 Btu/CV Transmitter has been improved by re-designing the Stream Selector Module (SSM) (P/N 2015615). The main difference is that the Neptune Research solenoids and the Teflon manifold have been replaced with Burkert valves and an aluminum manifold. These new SSM's (P/N 2015615-002) are currently being shipped in new Model 8000/8100 Btu/CV Transmitter except those designated for areas or countries that require Type or Metrology approved units. These are at present the Btu Transmitter needing the P/N 2013947-002 in their model number.

The two units are shown together for comparison in the figure below. The SSM with Neptune Research valves, P/N 2015615-001 is on the left. The SSM with the Burkert valves, P/N 2015615-002 is on the right.



The Model 8000 design has been unique in that it has very few moving parts and as such is the most dependable and easiest to start up of any on-line GC on the market. The SSM, having 4 electric solenoids has been the most likely part to fail just due to the concentration of moving mechanical parts. This change should make even this portion of the Btu Transmitter even more reliable than before.

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This improved valve (2015615-002) uses the same electronics and the same bracket that the older SSM (2015615-001) used, and can be replaced directly in the Model 8000. It has an aluminum manifold block and Burkert solenoid valves. It should work more reliably and is therefore being replaced in units that are experiencing Stream Selector problems while under warranty. Because this valve may be more desirable than the older, Neptune Research valve unit, the following change out program is being made available.

Totalflow would like to offer a refurbished 2015615-902 for \$300.00 exchange to any one wanting to upgrade their existing 2015615-001 or -901 Stream Selector Module (SSM). This upgrade price is only valid for customers with the 2015615-001 or -901 (Neptune) stream selector module. This special price is valid only with the return of a 2015615-001 or -901 SSM unit. Current published exchange pricing will continue to be used for 2015615-002 versions of the SSM.

We would caution any one who has a unit that is working properly not to dismantle this unit, as taking a working unit apart can invite trouble when none may exist. Many Btu Transmitters now installed have been working with the older SSM for a number of years with no problems.

However, if your existing Btu Transmitter(s) are experiencing:

- Valves that stick or will not switch
- Leaking (e.g. high calibration blend usage)
- Failure of the Start up tests
- Sticking shut (No sample pressure when activated)
- Loose Teflon manifold block

Then we would recommend that you take advantage of this offer. If your unit is currently under warranty, there will be no charge unless improper sampling has caused the problems.

This program will be available through Totalflow Customer service for the foreseeable future.

This upgrade option will be called the “**Burkert Stream Selector Upgrade**”. To take advantage of this offer you will need to receive a return authorization (RA) number from our customer service department. Allow 4-6 weeks for delivery of the Burkert SSM. If you have questions please contact our Customer Service Department at 800-442-3097 option 1,1.

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